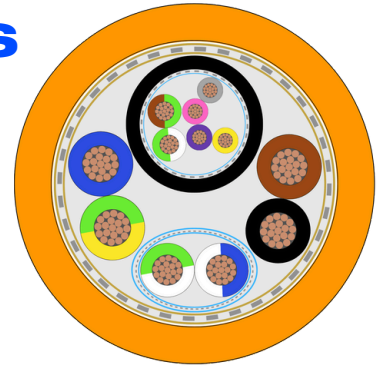




SERVO HYBRID OCS B&R ENDAT 2.2



According to B&R®
AWM Style 21223 (80°C / 1000V)



Conductor:

2xAWG24+2x2xAWG28

AWG28: stranded 3n copper wire 0,08mm;
nominal 0,10mm² - AWG28; nominal diameter 0,40mm.

Lay agree with UL 758 tab 5,9;

conform to EN 13602 - ETP1, DIN 40500 E-Cu 58

AWG24: stranded 3n copper wire 0,13mm;

nominal 0,25mm² - AWG24; nominal diameter 0,65mm.

Lay agree with UL 758 tab 5,9;

conform to EN 13602 - ETP1, DIN 40500 E-Cu 58

2xAWG19

Stranded Bare copper wire 0,15mm; nominal

0,75mm² - AWG19; nominal diameter 1,20mm. Lay agree

with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN

40500 E-Cu 58

4xAWG16

stranded bare copper wire 0,15mm; nominal

1,50mm² - AWG16; nominal diameter 1,50mm. Lay agree

with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN

40500 E-Cu 58



Insulation:

PP compound - PE compound (Endat element ND 1,20mm)



Color Cores:

2xAWG24 (pink – grey – yellow – violet)

2x2xAWG28 (white/green – brown/green)

2xAWG19 (white/green – white/blue)

4xAWG16 (black – brown – blue – green/yellow)



Shield:

Tinned copper braid; Nominal optical coverage 85%



Protective Tape:

Pair: Special tape under and over shield.

Total: Nonwovens tape under and over shield



Jacket PUR:

(ether base), 90 ShA Compound accordance to UL758

Color Jacket: Orange similar RAL2003

Technical data



Nominal Voltage: 1000Vrms



Test Voltage: 4000V



Temperature: -40°C to +80°C (Fixed) - 25°C to +80°C (Flexible)



Flame Resistance: UL Cable flame test CSA FT1 - IEC60332-1-2



Oil Resistance: According to UL758

Movement Data @20°C



Bending cycles: up to 10Mio (20 Mio Stroke)



Bending radius: 7,5 x D (Flexible) - 5 x D (Fixed)



Speed: up to 300 m/min



Acceleration: up to 60 m/sec²



Torsion: +-180°/1m

Approval



Halogen free according to CEI EN 60754-1 / VDE 0482-754-1 -



UV Resistance Silicone, Pb, Cd, Hg, FCKW free



RoHS₃ RoHS compliant 2014/35/UE; 2014/30/UE; 2011/65/CE; 2015/863/UE

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Customer responsibility to verify suitability of the product for the intended purpose remains. Processing and application of the goods are outside of our control possibilities. Right to technical changes is reserved.



Name	Cable type	Ø mm	Tolerance
MOV-4G16HY-BR10	4x1,5+1x(2 x 0,75)+(2x0,25+2x2x0,10)	13,6	±0,30 mm

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